

Kitagawa, Mutsuo, Hayashi, Katsumi, and Kodama,
Teruo.
STUDIES ON ACTIVE CARBONS ACTIVATED BY
ZINC CHLORIDE. [1961] [16p].
Order from SLA \$1.60

61-18694

Transl. of Kagaku to Kogyo, Osaka (Japan) 1960, v. 34,
p. 428-[443].

DESCRIPTORS: *Activated carbon, Carbon, *Zinc com-
pounds, *Chlorides, Chemical reactions, Density, Po-
rosity, Adsorption.

The zinc chloride activated carbons and the sulfur contain-
ing carbons were measured for their specific gravity by
the immersion technique, using water and their porosity
was calculated from the amount of water vapor adsorbed
at saturation, and the relationship between the bulk den-
sity and the density at saturation was determined.

61-18694

I. Kitagawa, M.
II. Hayashi, K.
III. Kodama, T.

184207

Study on Increasing Vitamin B₂ in Flavin Yeast,
Report No 2. Simple Method of Making Flavin Yeast,
by F. Inoue, K. Inoue, S. Kitagawa, 7 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific
Testing Studies. Report of the Committee for the
Study of Enriched Foods (Reports for the Year 1951),
May 1951, pp 22-25.

28/201 NIH Tr 618

Scientific - Chemistry

Oct 55
CTS/DEX

Study on Feeding Standard of the National Safety Force. Report No 1. Calory Consumption and Calory Intake of Personnel of the Nakomai Unit at Sapporo, by B. Hattori, S. Suzuki, S. Nagamine, S. Kitagawa, 21 pp.

JAPANESE, per, Han Kisei, Vol I, No 1, March 1954,
pp 15-22.

NIH TR 722

Scientific - Chemistry

28/162

NOV
Det 55
CIB/DSK

Rapid Method of Detecting Minute Quantities of
Chloride Dioxide by Means of Detector Tubes,
by T. Kitagawa, Y. Kobayashi.

JAPANESE, per, Nippon Kagaku Kaishi, Vol LVI, No 3
pp 177-179, May 1955.

ASLIB-OB39

Sci - Chem
Aug 58

70, 350

Effect of Pressure in the First Stage of Pressing
Cycle on Properties of Hardened Chip Board, by
Kakuichi Kitahara.

JAPANESE, per unknown.

USDA
North Carolina State College Tr 31

Sci - Physics
May 58

Effects of Chip Dimensions on the Properties
of Chipboard, by K. Kitahara, K. Kasagi.
JAPANESE, per, Hokuzai Kogyo, Vol 10, No 8,
1955, pp 406-412.
NTC-69-13259-111

103

K. Kitahara

Sci-Mat
Sept 69

392,772

Catalytic Oxidation of Petroleum Hydrocarbons
in the Vapor Phase. I. Manufacture of Maleic
Acid by the Oxidation of the Butane-Butylene
Fraction, by M. Kitahara.

JAPANESE, per, Ribagaku Kenkyujo Hokoku,
Vol XXIV, 1958, pp 283-288.

MS. A. T. - 2421
Ms. 80000J

138,271

Cat
the
by

JAP
195

Sci

Vol

Kitahara, M., Mitsui, T., and Hirayama, T.
OXIDATION BY HYDROGEN PEROXIDE AND SBLE-
NUM DIOXIDE. Pt. 1 of Synthesis of α , β -Unsaturated
Acids and their Esters by the Oxidation of α , β -Unsat-
urated Aldehydes. [1962] 14p.
Order from ATS \$18.50

ATS-78P64]

Trans. of Rikagaku Keikyujo Hokoku (Japan) 1962,
v. 38, no. 1, p. 81-89.

DESCRIPTORS: *Organic acids, *Esters, Synthesis,
*Aldehydes, *Hydrogen compounds, *Peroxides,
*Selenium compounds, *Dioxides, Oxidation.

(Chemistry--Organic, TT, v. 9, no. 2)

63-12261

- I. Kitahara, M.
- II. Mitsui, T.
- III. Hirayama, T.
- IV. ATS-78P64]
- V. Title: Synthesis ...
- VI. Associated Technical Services, Inc., East Orange, N. J.

63-12261

Office of Technical Services

Catalytic
Alkene Oxidation of Petroleum Hydrocarbons in the
Vapor Phase. II. Manufacture of Maleic Acid by
the Oxidation of C₄ Hydrocarbon, by M. Kitahara.

JAPANESE
SCIENCE, per, Rikagaku Kenkyusho Kokon, Vol XXXIV, 1955
pp 289-293.

ADS 81401

A1-JT

138,273

Ether Extraction of Iodides of Hydriodic Acid
Solutions of Various Elements, by S. Kitahara, 5 pp.

JAPANESE, per, Kagaku Kenkyusho Kokoku, Vol XXIV,
1948, pp 454-457.

AEC UCRL-Tran^s-559(L)

Sci - Chem
10 Nov 60
List 45

131, 401

Preparation of Electrodes of PbO_2 and Their Applications,
by S. Kitahara, T. Onaga.

JAPANESE, per, J. Electrochem Assoc Japan, Vol X, pp
409-413, 1942.

Indoc-T1643

Sci - Chem
Aug 58

71, 602

Kitahara, Saburo, Asahara, Hiromasa, and
Atoda, Tetsuzo.
METHOD FOR QUANTITATIVE ANALYSIS OF FREE
CARBON IN BORON CARBIDE. Rept. no. 1 on Quantita-
tive Analysis of Impurities in Boron Carbide.
1 June 60, 10p, 3 refs.
Order from SLA \$1.10

61-18575

Trans. of mono. [paper] presented at Science Research
Institute Meeting (no. 53) Oct 57.

DESCRIPTORS: *Carbon, Chemical analysis, Oxida-
tion, Decomposition, *Boron compounds, *Carbides,
Carbon dioxide, Production, Quantitative analysis,
Impurities.

The analysis for total carbon content can be obtained
by treating a 20- to 25-mg sample in an oxidation bath
containing 0.5 g of KIO₃ and 5 ml of concentrated
(Chemistry-Analytical, TT, v. 7, no. 7) (over)

61-18575

- I. Kitahara, S.
- II. Asahara, H.
- III. Atoda, T.
- IV. Title: Quantitative ...

Office of Technical Services

Kitahira, Saburo, Asahara, Hiromasa, and
Atoda, Tetsuzo.
METHOD FOR QUANTITATIVE ANALYSIS OF FREE
CARBON IN IRON CARBIDE. Rept. no. 1 on Quantitative
Analysis of impurities in Boron Carbide.
1 June 66, 10p, 3 refs.
Order from SLA \$1.10

61-18575

61-18575
I. Kitahira, S.
II. Asahara, H.
III. Atoda, T.
IV. Title: Quantitative ...

197171

Transl. of memo. [paper] presented at Science Research
Institute Meeting (no. 53) Oct 57.

DESCRIPTORS: *Carbon, Chemical analysis, Oxidation,
Decomposition, *Boron compounds, *Carbides,
Carbon dioxide, Production, Quantitative analysis,
Impurities.

The analysis for total carbon content can be obtained
by treating a 20- to 25-mg sample in an oxidation bath
containing 0.5 g of KIO₃ and 5 ml of concentrated
(Chemistry--Analytical, TT, v. 7, no. 7) (over)

Office of Technical Services

On EVmer-Extraction of Phosphates or Hydrofluoric Acid Solutions of Various Elements, by Saburo Kitahara, 6 pp.

JAPANESE, per, Kagaku Denshi, Vol XXV,
No 4, 5, 1950, pp 165-167.

AMC UCRL-Zone-603(L)

Sci - Chem
May 61

150, 883

A Method of Surface Treatment of Balanced
Nitrates, by E. Kitaoka, T. Nagata.
SCANDINAVIAN JOURNAL OF POLYMERATION 1969 44-2 261.
REC-69-16594112

92

T. Kitaoka

Sci-Materials
Job 70

402,859

Kitaigorodskii, A. I., Tevankin, D. Ya., and
Petrov, Yu. M.
LONG PERIODS IN ENANT FIBERS. [1962] 2p.
Order from ATS \$2.50 ATS-16P59R

Trans. of Vysokomolekulyarnye Soedineniya (USSR)
1961, v. 3, no. 9, p. 1428.

DESCRIPTORS: *Synthetic fibers, *Amines,
*Enanthic acid, Polymers, Preparation, Condensation
reactions.

62-17157

.. Title: Enanth fibers
I. Kitaigorodskii, A. I.
II. Tevankin, D. Ya.
III. Petrov, Yu. M.
IV. ATS-16P59R
V. Associated Technical
Services, Inc.,
East Orange, N. J.

62-17157
C226299

Office of Technical Services

Problems of Increasing the Strength and
the Thermal Stability of Glass, 37 p.
by I. I. Kitaigorodsky, S. I. Shustrovich.
Kharkov, 1964. ~~Kharkov Polytechnic
Engineering Institute~~, Vol. 6, 1964, pp. 635-642.
SEA T-66-16386

I. I. Kitaigorodsky

201-2000
Jul 66

305,621

On the Analysis of Spectra of Wind-Generated Wave Motion
II by S. A. Kitaigorodskii, S. S. Strelkalov, 7pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 8,
1963, pp 1240-1250.

AGU

Sci
Jan 64

245, 912

Applications ~~for~~ of the Theory of Similarity to the
Analysis of Wind-Generated Wave Motion as a Stochastic
Process, by S. A. Kitaigorodski, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 1,
1962, pp 105-117.

Amer Geophys Union

Sci

Oct 62

214,017

The Topological (Dynamic) Analysis of Molecular Crystals, by A. I. Kitagorodskii.
RUSSIAN, ser. Kh. Fiz. Khim., Vol 19, No 10/11,
1965, pp 523-532.
ILL. 5826.4F (31823)

53

A. I. Kitagorodskij
Sci - Chem
Sept. 67

340,358

Calculation of the National Economy of Yugoslavia
in Constant Prices Over the Period 1947-1959.
by B. Kitaljevic, 31 pp.

SERBO-CROATIAN, per, Finansije, Vol XV, No 11/12,
1960, pp 609-629.

JPRS 9248

Bur - Yugoslavia

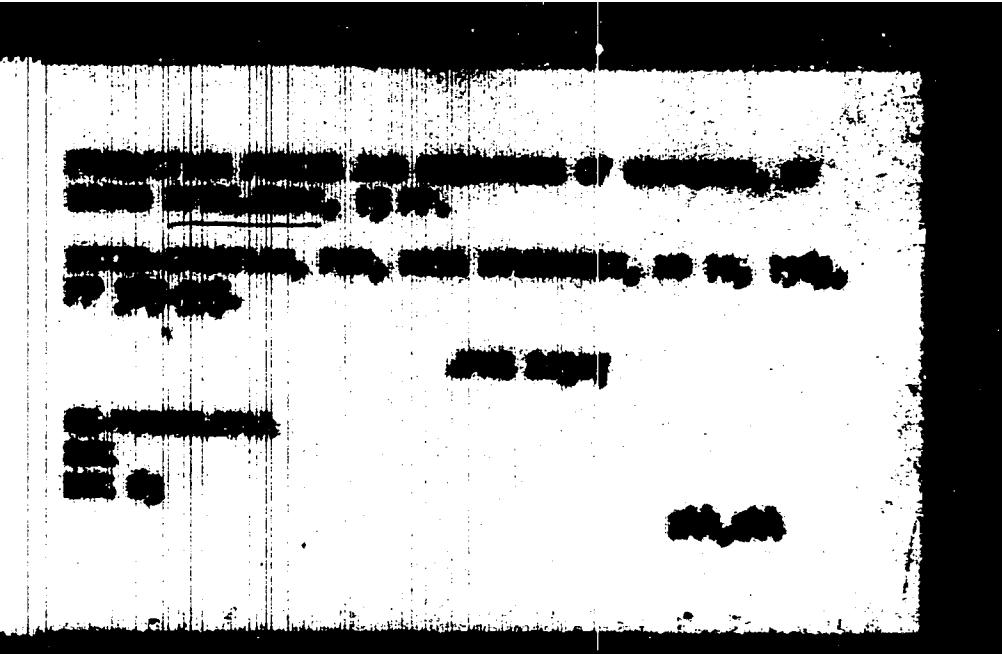
Mon

153, 784

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APPROVED FOR RELEASE: Tuesday, July 09, 2002

CIA-RDP91-00772R000200860019-2

Effect of the Administration of Vitamin B₁ and Vitamin B₂ on the growth of the Fetus, by R. Takada, M. Nishio, M. Kitamura, 3 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific Testing Studies, Report of the Committee for the Study of Enriched Foods (Reports for the Year 1951), May 1951, p 20.

28,206 NIH Tr 623

Scientific - Chemistry

Oct 55
CTB/DEX

Effect of Enrichment With Vitamin A and D on the Health of School Children, by R. Takada, M. Nishio, M. Kitamura, 2 pp.

Full translation.

JAPANESE, per, Ministry of Education, Scientific Testing Studies. Report of the Committee for the Study of Enriched Foods (Reports for the Year 1951), May 1951, pp 20-21.

28, 205 NIH Tr 622

SLA 31

Oct 55
CTS/DRX

Scientific - Chemistry

Mathematical Development of Mould Loft with
Digital Computer, by M. Kitamura.
JAPANESE, per, Technical Review, Mitsubishi
Nippon Heavy Industries, Vol. 3, No. 2, 1962,
pp 230
GB/17/1605

M. KITAMURA

Sci -
Aug 67

335-705

NCH-201 357

Field 13J, SB

Kitamura, M.; Takaku, A.
MATHEMATICAL MOULD LOFTING BY ELECTRONIC
COMPUTER, Rept. no. 2, 1965, 19p, 2refs. BSRA-2056.
Order from BSF A: L5 as BSRA-2056

Trans. of Zosen Kyokai Ronbun Shu (Japan) n115 p618ff
1964.

Presented to the Spring Conference of the Society for Naval
Architecture of Japan, May 1964.

I. British Ship Research
Association, London
(England)

40U4015

304015

Color Reactions For Barbiturates. Report I and II,
by K. Okuzaki, N. Kitamura, H. Hamada.

Full translation.

~~Japan~~ paper, Journal of the Pharmaceutical Society of Japan, Vol LXXI, No 5, 1951, pp 659-654.

ABC Tr 1484
Ref Sci Info Sec, DRC, Canada T26 J, CIA D 151218
Scientific - Medicine, drugs, barbiturates

Jan 53 CBS/MEX

A-3907

Report No 5. Quantitative Estimation of Mercury.
Summary of Reports on the Study of Minamata Disease,
by S. Kitamura, 2 pp.

JAPANESE, rpt, 20 Aug 1959, p 9.

KIR 11-52

Sci - Medicine
Dec 59

Regarding the Influence of Ultraviolet Irradiation
Upon Antigen. (Horse Serum, Eggwhite)., by S.
Kitamura, M. Murayama, 5 pp.

CENMAN, per, Klin Wochschr, Vol XVI, 1937, pp 88-90.

S.L.A. Tr 57-397

Sci - Biology
Jun 57/CTS

49,005-

Kitamura, Saburo, Kubo, Takao and others.
SINTERED CADMIUM SULPHIDE PHOTOCONDUCT-
ING FILMS. [1961] [12]p.
Order from SLA \$1.60

62-10987

Trans. of Oyo Butsuri (Japan) 1960, v. 29, no. 9,
p. 636-641.

DESCRIPTORS: *Cadmium compounds, *Sulfides,
*Photoconductive films, Preparation, *Sintering,
Photosensitivity, Solid state physics.

The production method and the characteristics of
photoconductive sintered CdS film are described. As
sintered CdS film can be fabricated into desired
shapes and a comparatively strong photocurrent can
be gained from it, it is expected to be employed in
many ways as a photosensitive element in various
photoelectric relays or photoelectric meters. (Author)
(Physics--Solid State, TT, v. 8, no. 1)

62-10987

I. Kitamura, S.
II. Kubo, T.

ALL M 8962

Office of Technical Services

Kitamura, T.

PHARMACOLOGICAL STUDIES ON COMPOUNDS RELATED TO NICOTINE, ESPECIALLY ON NORNICOTINE. [1962] 35p.

Order from K-H \$43.75

K-H 9054-c

Trans. of Nihon Yakurigaku Zasshi (Japan) 1958, v. 54, p. 625-837.

DESCRIPTORS: *Tobacco, Pharmacology, Alkaloids, *Nicotine.

62-22495

- I. Kitamura, T
- II. K-H-9054-c
- III. Kresge-Hooker Library
Library Associates,
Detroit, Mich.

62-22495

Office of Technical Services

Effect of Vacuum Casting on the Quality of Steels
for Rolling, Part I, by Y. Kitamura, et al.

JAPANESE, per, Tetsu to ~~to~~ Hagane, Vol XLVIII,
No 11, 1962, pp 1338-1340.

HB 5807

Sci-Min/Met
Jan 63

219 967

Ladle Degassing of Unkilled Steel, by Y. Kitamura, et al.

JAPANESE, per, Tetsu To Hagane, Vol XLIX, NO 3, 1963,
pp 463..465.

HB 6046

Mat & Met
Oct 63

240, 382

Comments on Ingot Molds Cast Directly From
Blast-Furnace Hot Metal Compared with Cupola Iron,
by Y. Kittamura et al.

JAPANESE, per, Tetsu To Hagane, Vol XLI, 1963,
No 3, pp 525-526.

HB 6047

Mat & Met
Out 63

345, 160

AEC-tr-4482(p.654-65) Unc1.

TOH-SHIBA HOT LABORATORY. R. Kitani and
M. Terada.

C-23 P, NSA

Second Japan Conference on
Radiosurgery, Feb. 1988

N-4

Kitano, Takeo and others.
METHOD FOR THE MANUFACTURE OF OXYPHOSPHORUS CHLORIDE. [1961] 4p.
Order from AC \$4.00

Trans. of [published] Japanese patent 4351(50), by
Toyama Kagaku Kogyo Kabushiki Kaisha.

DESCRIPTORS: *Oxygen, *Phosphorus compounds,
*Chlorides, Manufacturing methods, Economics.

The invention relates to a method for the manufacture of oxyporphorus chloride, comprising the ignition and reaction of the mixture of phosphorus trichloride or a substance capable of forming phosphorus trichloride or containing it and oxygen or the air in a gaseous state at the ratio of 2 mols of phosphorus trichloride to one mol of oxygen. The purpose of the invention lies in manufacturing at a high yield and (Engineering--Chemical, TT, v. 7, no. 3) (over)

62-12034

- I. Kitano, T.
II. Patent (Japan)
pub. 25-4351
III. Capelo, A.,
Hollywood, Calif.

Office of Technical Services

[REDACTED]
[REDACTED]
[REDACTED] Vol. 75, 1974.
[REDACTED]
[REDACTED]

Y. Kitano

Box - [REDACTED]
Date: 67

328,877

A New Turbidimetric Determination of Traces of Chloride, by Y. Kitano, H. Tsubota.

JAPANESE, per, Nihon Kagaku Zasshi, Vol LXXV,
1954, pp 931-933.

MIL M. 4040

Sci - Chem

191, 909

Apr 62

(2053/-N/c)

For wider Application of Planned Payments Among Enterprises, by Stevan Kilemov, 9 pp.

Sofia, 1978, pub 38-38.

US 50105 1983-7

Bulgaria
Book
Pub 99

81,808

On the Synthesis of Arylvinylsulphones and Their
Reactive Properties, by Teijiro Itaya, Nobuhiko Kuroki,
Kenzo Konishi, 16 p.

JAPANESE, per, Kogyo Kagaku Zasshi, 1959, Vol LXII,
No 6, pp 825-828.

SLA 60-10444

Rec'd
Apr 60
Vol III, No 3

112, 085

1. Author and Prgm.
SYNTHESE DES DERIVES DE L'ALCOOL TERPENIQUE DE LA SIEGE ALPHATIQUE, RAP. I. SYNTHESE
DU DIHYDRO-ALLO-OCTINOL-2,6 DIMETHYLE-
XTRINE 3 OL 2 - A PARTIR DE 1" C-TERPENE
Synthesis of Terpene Alcohols. I. Dihydro-Alloctinol (2,6-Dimethylcyclo-3-ol-2) from C-Terpene).
App 5 refs.

Order from OTE, NTC or CNRS \$0.50 62-26916

Trans. in French of Nihon Kagaku Zasshi (Japan) 1953,
v. 74, no. 2, p. 76-78.

DESCRIPTORS: Aliphatic compounds, Alcohols,
Terpenes, "Others."

Chemistry--Organic, TT, v. 10, no. 10

62-26916

1. Title: 2,6-Dimethyl-
octane-3-OL-2
2. Title: Plasma
3. Klacika
4. Fujita
5. Centre National de la
Recherche Scientifique
- IV. Title: Synthese...
- V. Title: Dihydro-...

Office of Technical Services

NY-663L

REFORM OF THE COMMERCIAL STRUCTURE AND CHANGES
IN THE STATUS OF CAPITALISTS IN COMMUNIST
CHINA, BY KITAKA TETSUJI, 43 PP.

JAPANESE, PER, ASIA KENKYU, NO 274,
27 JUN 1961, PP 8-10, NO 275, 4 JUL 1961,
PP 2-9.

JPRS 10115

ASIA - CHINA

ECON NOV 61

173. 119

The Influence of Koha (a photosensitive dye) on Tumor Growth, by Kitabu Sumie, Ichiro Okamura and Kosuke Ushijima, 2 pp.

JAPANESE, Genn, Vol XXXIX, No 1, Japan, 1948, p 45.

CIA/FDD X-663

Scientific - Medicine

National Institute of Health, Bethesda, Md.

A. 6175

The Flow of Gas in the Cyclone EX by Yoshiyuki Kitaura

EX JAPANESE, Chem. Engng, 15 (5), 206-211.

TPA3/TIB Nr No T 3970

Scientific - EX Chemistry, Engineering

A. S 3.86

Effect of Ammonia on the Catalase Activity of
Yeast and *Aspergillus niger*, by G. S. Kitavin,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 6,
1957, pp 1363-1365.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 260

In the Two Isomers of Trimethylmelamine, by Rokuro
Kitawaki, 18 pp.

JAPANESE, per, Rihon Kagaku Zasshi, Vol LXXXI,
No 1, 1960, pp 175-179.

SIA 60-16676

Sci

Mr 62

190,049

Vol IV, No 6

Khayama, H. and Osewa, Y.
POAERING ABILITY OF POLYETHYLENE COM-
POUNDED WITH CHLORINE, A SULFONYL HYDRA-
ZZIDE, BLOWING AGENT. Pt. 1 of Studies of Chlorine
Polyethylene. [1962] 16.
Order from AT&T \$20.75

AT&T-SIP61J

Trans. of Nihon Gomu Kyokaishi (Japan) 1969, v. 32,
no. 7, p. 518-527.

DESCRIPTORS: *Rubber, Foams, *Polymers, *Ethyl-
ene, Sulfonyl radicals, Hydrazines, Expanded plastics

(Chemistry--Organic, TT, v. 8, no. 7)

62-22158

- I. Title: Osewa
- I. Khayama, H.
- II. Osewa, Y.
- III. AT&T-SIP61J
- IV. Title: Studies...
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Kiryama, H., Onwa, Y., and Masuzawa, T.
FOAMING ABILITY OF POLYETHYLENE COM-
POUNDED WITH AZODICARBONAMIDE AND DINI-
TROSOPENTAMETHYLENETETRAMINE. Pt. 2 of
Studies of Cellular Polyethylene. [1962] 14p.
Order from ATS \$15.75 ATS-52P61J

Trans. of Nihon Gomu Kyokaishi (Japan) 1959, v. 32, no. 7, p. 527-535.

DESCRIPTORS: •Polymers, •Ethylenes, •Expanded plastics, Carbon compounds, Amides, Azo radicals, Cyclopentanes, Amines, Nitroso radicals, Foams, Pentanes, Methanes.

(Chemistry--Organic, '77, v. 8, no. 5)

62-17732

- I. Kirayama, H.
 - II. Osawa, Y.
 - III. Masuzawa, T.
 - IV. Title: Studies . . .
 - V. ATS-32P61J
 - VI. Associated Technical Services, Inc., East Orange, N. J.

AT&T-3752

C222397

Office of Technical Services

T of C and Review of
Handbook for Personnel Concerned with Elec-
trical Installation and Wiring (V.5),
by G. I. Kitayenko (editor), 6 pp.

RUSSIAN, bk, Spravochnik Elektromontazhnika
v. 5, Leningrad, 1957, 575 pp.

B-287
Head, Lib Sv Sec
Air Info Div
Lib Congress

Man in a State of Weightlessness, by
A. Kitayev-Syrik, 15 pp.
MOSCOW, 1970, Nauka i Zhizn, No. 9,
1970, pp. 16-21. 3696342
*PTP-TT+03-146

67

Kitayev-Syrik
A.

Book - 1970, Red Sci
Nov 65

291,820

Concerning the Transportation of Mineral
Fertilizers, by A. Yevstikhov, A. Kitayev,
7 May
BUKHEV, par. Appendix to Treatment, No 3,
1964, pp 3-5.
JPRS 25119

USSR
Econ
Jun 64

262, 010

Precipitation of a Unipolarly-Charged Aerosol in an
Enclosed Space, by V. P. Dunskiy, A. V. Kitayev,
10 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 2, 1960,
pp 159-167.

CB

Sci

May 61

153, 309

Unipolar Electrification of Aerosols in the Field of
the Corona Discharge, by A. V. Kitayev.

RUSSIAN, per, Vest Sel'skokhoz Nauki, Vol II, No 9,
Sep 1957, pp 127-131. CIA 9016913

USDA

Sci - Electronics
Mar 58
"

60, 23-0

Study of the Sources of Pulsations in Hot-Blast Pressure at the Blast-Pearce Tuyeres,
by A. A. Kukarkin, B. I. ~~Khish~~Kitayev.

RUSSIAN, per, Iz Vyssh Ucheb Zaved Chern Met,
No 2, 1963, pp 31-38.

HB 5897

Sci-N/M

Aug 63

343,504

Present State of the Theory of Heat Exchanges
in the Blast Furnace, by N. B. I. Kitayev,
J. G. Yaroshenko.

FRENCH, ext., Paper Present at the Journees
Internationales de siderurgie in Luxembourg,
1-4 Oct 1962, pg 45-57.

KIBI 3168

342,170

Sci - M/M,
Aug 69

Hold-Up of Molten Materials in the
Blast-Furnace Stock Column, by A. S. Kukarin,
B. I. Kitsyev.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Chern Met,
No 12, 1962, pp 20-28.

HB 5882

Sci.-Engr

Nov 63

243, 455

Kitaev, B. I.

SURVIVAL OF COMBUSTIBLE COMPONENTS IN THE
OXYGEN ZONE. Mar 58 [4]p. MinPower T. 166;
[DSIR NLL] M 553.
Order from OTS or SLA \$1.10

62-13386

Trans. of mono. Gasification of Solid Fuel, Moscow,
1957, p. 286-290.

DESCRIPTORS: Solids, *Fuels, *Combustion, *Flames,
Turbulence, Steam, Decomposition, *Oxygen, *Carbon
compounds, *Monoxides, Survival, Blast furnaces,
Fuel consumption.

In gasification with steam-oxygen blast, considerable
amounts of carbon monoxide are present in the oxygen
zone. At temperatures in the range of 1200°, the car-
bon monoxide is not burnt up but collects at the level of
the fuel bed. Investigation of the mechanism of burning
(Materials--Fuels, TT, v. 7, no. 12) (over)

62-13386

I. Kitaev, B. I.
II. MinPower T-166
III. DSIR LLU M. 553
IV. Ministry of Power (Gt. Brit.)

Office of Technical Services

Flow Effects in the Blast-Furnace Bosh,
by B. I. Kitayev, A. S. Ekmekchin.

RUSSIAN, per, In Vysshikh Ucheb Zaved,
(Chern Metall, No 10, 1960, pp 40-45.

BB 5065

Sci - Engr
May 62

196, 335

Survival of Combustible Components in the Oxygen Zone, by B. I. Kitayev. UNCL

RHISIAN, bk, Gasification of Solid Fuels, Moscow, 1957, pp 286-290.

DAIR LIB M.553

(loan)

111,116

Soil - Shale
Min: 60

OTS 62-13386

Communication Installations in Railway Traffic, by
Prof N. V. Kitayev, A. Ya. Kormilitsyn, ~~Zvezda~~
(ID 940009), 290 pp. UNCLASSIFIED

RUSSIAN, bk, publ in Moscow, 1950.

CIA Tr No 606

17,732

USSR

Economic - Communication, transportation, rail
Jul 54 CTS

Experimental Investigations of Laminar Systems.
25. Electron-Microscopic Investigation of the
Structure and Formation Mechanism of Ultrathin
Films of Copper Hydroxide Forming on a Solid
Surface, by E. M. Kazakov, G. A. Kitayev, S. G.
Mokrushin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XXII, No 1, 1960,
pp 23, 24.

CB

Sci

153 328

May 61

Experimental Investigations of Laminar Systems.
2'). Electron Microscopy of the Formation of Hydronium Films
on the Surface of Organic Amino Substances, by S. G.
Klyachko, G. A. Klyachko,
6 pp.

by

MINIM, 1977, Nal'ichnaya Khimiya, Vol. XIII, No. 1, 1977,
UDC 547.92

Consultants Bureau

012 - Chem

2m 99

79,404

The Role of the Teacher's Promoting Word,
by N. N. Kitayev, 3pp.

RUSSIAN, per, Sovet Pedagogika, No 8, 1959,
pp 84-89.

Intern'l Arts and
Sci Press
Vol I, No 12

Sci

Dec 59

103 191

The Effect of Narcotics and Nervous Stimulants
on the Development of Rigor Mortis, by YU. M.
Kitayev, 4 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XII,
No 5, 1958, pp 13-15.

Consultants Bureau

Sci - Med
Jm 59

89, 303

Polarographic Study of the Tautomerism of
Certain Semi- and Thioisocyanogenes in
Solution, by Yu. P. Kitayev, G. I. Budnikov,
et al., 6 pp. FOR OFFICIAL USE ONLY
PLIABLE, per, Dok Ak Nauk SSSR, No 4, 1969.
9698134

PSIC 501-765-315

I-7327

ID #204022165

Sci - Phys
Oct 65

Kitayev, Yu. P.

268,656

A Study of the Tautomerism and Geometric Isomerism of Nitrogen-Containing Derivatives of Carbonyl Compounds. Communication 4. A Polarographic Study of the Conversion of Some Semi- and Thiosemicarbazones in Aqueous-Alcoholic Solutions, by Yu. P. Kitayev, S. K. Budnitskikov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1961, pp ~~XXX~~ 1222-1226.

CB

Sci
Jun 62

200,203

Tautomerism and Geometric Isomerism of Nitrogen-Containing Derivatives of Carbonyl Compounds.
Communication 5. Polarographic Study of Semicarbazones and Thiosemicarbazones of Aromatic Aldehydes,
by Yu. P. Kitayev, G. K. Budnikov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1961, pp 1772-1779.

CB

Sci

205,427

JUL 62

Tautomerism and Geometric Isomerism of Nitrogen-Containing Derivatives of Carbonyl Compounds.
Communication 2. Polarographic Study of the Transformations of Phenylhydrazones of Some Aldehydes and Aliphatic-Aromatic Ketones in Methanol, by Yu. P. Kitayev, A. E. Arbusov,
6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1960, pp 1405-1411.

CB

169, 413

Ser

Svp

On the Mechanism of the Fischer Reaction and
its Anomalies, by A. N. Arbusov, Yu. P. Kitayev,
S. M.

1957

RUSIAN, per, Dok Ak Akad Nauk SSSR, Vol CXXII, No 4,
pp 607-610.

Consultants Bureau

Sci - Chem
Aug 58

69, 062

Investigation of Tautomerism and Geometric Isomerism in some Arylhydrazones by the Polarographic Method, by A. E. Arbusov, Yu. P. Mitayev,
1951
pp. 577-580.

USSR, per, Dok Ak Nauk SSSR, Vol CIII, No 2,
pp 577-580.

Consultants Bureau

Sci - Chem
Aug 58

69, 072

The Addition of Dialkylphosphorous Acids ⁷⁰ to Unsaturated Compounds. IV. The Addition of Dialkylphosphorous Acids to Unsaturated Aldehydes. A New Method of Synthesizing Unsaturated α -Hydroxyphosphinic Esters, by A.N. Pudovik and Yu. P. Kitsev, BY 5 pp.

Full Translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3,
URSS, Mar 1952, pp 467-473.

Consultants Bureau

Scientific - Chemistry

7508

Dec 53 CMS

Petrographic Study of the Transformations of Some
Semi-and Thermal Coalmines in Influence and
Transformations and Geometric Structures for
Petrographic Coalmines. Part I. Petrography of Carbonyl
Compounds, by Yu. P. Kiselev.
RUSSIAN, PERIODICAL, Dokl Akad Nauk SSSR, Vol CXXVII,
No 7, 1955,
*AERB 5-7527
ID 2304012863

111
77

Kiselev, Yu. P.

Sci - Chem
Jul 63

Polarography as a Method of Screening
Tocopherol of Organic Compounds,

87

by Yu. P. Kitayev.

SUMMARY, AND, Review A Practical Polarographic Method
of Screening Tocopherol of Organic Compounds

Yu. P. Kitayev, Institute of Chemical Physics, USSR Academy of Sciences

Received 1964, 1964, 77 1964

UDC 547.551.12

19 22000000000000000000

Yu. P. Kitayev)

Sci.-Phys.
Jul 64

304,30050

Synthesis of Heterocyclic Compounds Based on
the Fischer Reaction. I. The Mechanism of
the Fischer Reaction, by A. E. Arbusov, Yu.
P. Kitagov, 13 pp.

RUSIAN, per, Shur Chesk Nauk, Vol XXVII, No
9, 1977, pp 2320-2340.

Consultants Bureau

Sci - Chem
Oct 58

75, 105

Oscillographic Study of Some Semi- and
Thiosemicarbazones, by G. K. Budnikov and
Yu. P. Kitayev, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 2,
1962, pp 358-363.

CB

Sci

234,005

Feb 63

Complaint of Mercury and Silver with Acetyl
Tetrahydrofuran, by V. F. Tsvetova, Ida P.
Klyuyev, 3 pp.

URSSIAN, 1961, Zhar Neorgan Khim, Vol VI, No 3,
1961, pp 647-652.

Crown-Sure Press Ltd

Del.
May 62

[REDACTED]
193,403

Investigation of the Tautomerism and Geometric Isomerism
of Nitrogen-Containing Derivatives of Carbonyl Compounds
Communication 3. Polarographic Investigation of
Some Semi-and Thiosemicarbazones in Aqueous-Alcoholic
Solutions, by Yu. P. Kitayev, G. K. Budnikov, A. E.
Arbuzov, 7pp.

RUSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1961, pp 824-830

CB

189, 007

Sci

Mar 62

Studies of the Tautomerism and Geometrical Isomerism
of Nitrogen-Containing Derivatives of Carbonyl
Compounds. I. Polarographic Study of the Trans-
formation of Some Phenylhydrazones in Methanol,
by Yu. P. Kitayev, A. E. Arbuzov, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 9, 1957, pp 1037-1045.

Consultants Bureau

Sci - Chem

May 39

87,184

Syntheses of Heterocyclic Compounds Based on the
Fischer Reaction. II. The Anomalous Course of
the Fischer Reaction, by A. E. Arbusov, Yu. P.
Klitayev, 12 pp.

RUSSIAN, per, Izv. Otech. Nauk, Vol XIVII, No
9, 1957, pp 2341-2353.

Consultants Bureau

Sci - Chem
Oct 58

76, 105

(DC-4669)

Laying the First Russian Undeground and Underwater
Coil-loaded Telephone Cable, by Ye. V. Kitayev, 3 pp.

RUSSIAN, per, *Vestnik Svyazi*, No 8, 1952, p 24.

~~SECRET//NOFORN~~

JPRS 6602

Sci

Feb 61

The Effect of Fractionated X-ray Dosage on Mouse
Ovaries, by O. N. Kitayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 3,
1958, pp 514-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,072

The Reduction of Dielectric Losses in Pulp for
Condenser and High Voltage Paper, by B. C. Milov,
S. Kh. Kitayeva, 8 p.

RUSSIAN, per, Bumazh Prom, 1959, Vol XXXIV, No 5,
pp 4-7.

SLA 59-17481

Sci
Jan 60
Vol 2, No 9

106,012

Broadening of the Hydrogen Lines from Arc Discharge
and Shock Tubes, by V. I. Klyachko, N. M. Gulyaev,
4 vols.

RUSIAN, per, Dok Akad SSSR, Vol CXVIII,
No 5, 1931, pp 1091-1094.

AlP
Rev Engg Data
vol VI, No 4

1/25, 6/22

300

Oct cl

Structure of the Column in an Argon Arc. I. Local
Electrical Characteristics of the Column, by V. F.
Kitayeva, V. N. Kolesnikov, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 9, 1962,
pp 1061-1089.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol VII, No 9

Sci

232, 780

Apr 63

Application of Polarography to Organic Chemistry,
by Yu. P. Kitayev, G. K. Bodnitsov, 20 pp.

RUSSIAN, per, Uspokh Khim, No 6, 1962, pp 670-709.

CS

Sci
Mary 63

232,639

44

Man in a State of Weightlessness (Psychological
Implications), by A. Kitaigorodsk, 14 pp
REVIEWED, 1964, Moscow, 1964, No. 9, Sept 64, pp 16-21.
SPPB 27743

URSR
Sci-B/N
Apr 65

279,114

In the Air Carries a Cat (Weightlessness Experiments), by L. Klimov-Sank, 8 pp.

URSSIAN, per, Nauka i Zhizn, No 4, 1963,
pp 35-39. 9605409

72D-22-63-628

Soc.-Earth Sci

Sep 63

343, 566

Organic Chemical Crystallography, by A. I.
Kitaigorodskiy, 541 pp.

RUSSIAN, bk.

CB

Sci - Chem

Feb 62

Morphology of Molecular Packing in Linear
Polyesters, by Yu. V. Minyukh, E. M. Belavtseva,
A. I. Utkinprodkiy, 36 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXIII,
No 5, 1960, pp 1132-1135.

CB

Sci

149,175

Apr 61

Theory of Crystal Structure Analysis, by A. I.
Kitaigorodskiy, 280 pp.

RUSSIAN, bk, (no year given).

Consultants Bureau
\$12.50

Sci - Chemistry
Dec 60

134,557

SLA 61-12147

601-317-0001

analytical problem in the field of organic
chemistry and Crystal Physics of Organic
Substances, by A. I. Kitagorodskiy, 4 pp.

RUSSEAN, per, Kristallografiya, Vol V, No 1.
1960, pp 19-26.

ALP
Sov-Phys Crystal
131, 583

SCI

Nov 60

Crystal Structure of Paraffins in the Triclinic
Modification, by A. I. Kitaigorodskiy, Yu. V.
Mnyukh, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1959, pp 2088-2094.

CB

130,319

Sci
Oct 60

A Determination of the Phase Diagrams of the
Naphthalene- *6*-Cl-Naphthalene and 1, 8-Dinitro-
naphthalene - 1,5-Dinitronaphthalene Systems by
the Method of Monocrystal Growth, by A. I.
Kitaigorodskiy, R. M. Myasnikova, 4 pp.

RUSSIAN, par., Dok Ak Nauk SSSR, Vol. CXXIX, No 2,
1959, pp 380-383.

CE

Sci

130,067

Oct 60

(NY-6512/1)

"Strange" States of Matter, by A. I. Kitay-
Korodskiy, Yu. V. Mayukh, 20 pp.

RUSSIAN, per, Priroda, No 3, 1961, pp 9-14.

JPRS 9629

Sci - Phys
Aug 61

163,081

TP 772

KITAIGORODSKII A. I.

Order and disorder in the world of atoms

Russian monograph: "Poryadok i bezporyadok v mire atomov"
Izd Akad. Nauk SSSR, 1959 - English

E u r a t o m

NCL RYU

Calculation of the Lattice Energy of a Molecular Crystal, M I, by A. I. Kitaygorodskiy,
K. V. Mirskaya, 5 pp.

RUSSLN, per, Kristallografiya, Vol VI, No 4,
1961, pp 507-514.

AIP
Sov Phys - Crystall
Vol VI, No 4

Sci
23 Jul. 62

203,924